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SOUTH CAROLINA
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VASCULAR PLANTS OF
SPARTANBURG COUNTY,
SOUTH CAROLINA

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Vascular Plants of

**Spartanburg County,
South Carolina**

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ABSTRACT

(i)

INTRODUCTION

This is the second report resulting from field work during the 1970-1972 period in Spartanburg County. In an initial report (Clark, Powell & Childress, 1973) most regional records were listed.

Determinations of specimens collected in the county and inclusion of those cited in Radford, Ahles & Bell (1968) now substantiate the occurrence of 1080 vascular taxa there. Of these, 507 or 47% (includes state and regional records we previously reported) apparently have not been noted for our area. Since Spartanburg County is relatively accessible, we were very unprepared for what our results may indicate about the completeness of coverage of the collecting effort of the "Vascular Flora of the Carolinas" (Radford, Ahles & Bell, 1968).

While pointing out shortcomings, our own should not be ignored. The "Flora of the Carolinas" effort did account for 71 taxa we failed to locate. Also, if our fall collections had been more extensive, it is suspected that a more complete list of composites and legumes would have resulted. In addition, the following plants have been noted and positively identified, but voucher specimens either have not been collected or have been lost, or the habitat was lost to development before vouchers were taken. These include: *Verbascum blattaria* L., *Phlox nivalis* Lodd. var. *nivalis*, *Tiarella cordifolia* L. var. *cordifolia*, *Amaranthus spinosus* L., *Sagittaria latifolia* Willd. var. *pubescens* (Muhl.) J. G. Smith, *Drosera rotundifolia* L., *Dactyloctenium aegyptium* (L.) Beauvois, *Rhus vernix* L., *Magnolia tripetala* L., *Comandra umbellata* (L.) Nuttall — and undoubtedly numerous others!

Remarks on the distribution of taxa contained in the following list are conditioned by Radford, Ahles & Bell (1968), Rodgers, Mullens & Shiflet (1973, 1974), DuMond (1970), and Pittillo, Horton & Herman (1972).

Nomenclature in this report is generally according to one or more of the following: Radford, Ahles & Bell (1968), Fernald (1950), Hitchcock & Chase (1950), Bailey (1949) or Small (1933). Taxa marked with an asterisk are county records resulting from this study; those with a double asterisk have been cited in Radford, Ahles & Bell (1968), but were not found by us. The phyletic arrangement in this list follows Radford, Ahles & Bell (1968).

Voucher collections cited below have been deposited in the Herbarium of Converse College. Unless otherwise noted, collection numbers are those of the senior author.

PLANTS REPORTED

EQUISETACEAE (Horsetail Family)

Equisetum hyemale L. var. *affine* (Engelm.) A. A. Eaton; 18,485.
Scouring Rush

LYCOPODIACEAE (Clubmoss Family)

* *Lycopodium lucidulum* Michx.; Childress 189. This plant is now known from three counties in South Carolina. Shining Clubmoss.

* *Lycopodium carolinianum* L.; Childress 178. Our populations are the only ones reported from outside the sandhills and coastal plain of South Carolina. Slender Clubmoss.

Lycopodium flabelliforme (Fernald) Blanchard; 18, 573. Running Pine.

SELAGINELLACEAE (Spikemoss Family)

Selaginella apoda (L.) Spring; 20,055. Meadow Spikemoss.

ISOETACEAE (Quillwort Family)

* *Isoetes melanopoda* Gay. & Durieu; Childress 138. This species is now known from five South Carolina counties. Our locations are far inland from other reported localities. Quillwort.

OPHIOGLOSSACEAE (Adder's Tongue Family)

Botrychium virginianum (L.) Swartz; 18,705. Rattlesnake Fern.

* *Botrychium dissectum* Sprengel; 19,975. Grapefern.

OSMUNDACEAE

Osmunda cinnamomea L.; 19,100. Cinnamon Fern.

Osmunda regalis L. var. *spectabilis* (Willd.) Gray; 19,101. Royal Fern.

SCHIZEAEACEAE (Curly-Grass Family)

* *Lygodium palmatum* (Bernh.) Swartz; 19,332. This plant has previously been known in our region from the mountains of North and South Carolina and the South Carolina coastal plain. Ours consists of a single small clone, and is in an area to be impounded. Obviously, in our area climbing fern is rare and endangered. Climbing Fern.

PTERIDACEAE

* *Adiantum pedatum* L.; Childress 6. Maidenhair Fern.

* *Dennstaedtia punctilobula* (Michx.) Moore; 18,764. Ours is the third county for South Carolina. Hayscented Fern.

* *Cheilanthes tomentosa* Link; 18,736. Woolly Lipfern.

Pteridium aquilinum (L.) Kuhn; 19,200. Bracken Fern.

ASPIDIACEAE

* *Athyrium asplenoides* (Michx.) A. A. Eaton; 19,709. Southern Lady Fern.

- * *Woodsia obtusa* (Sprengel) Torrey; 18,724. Blunt-Lobed Woodsia.
Polystichum acrostichoides (Michx.) Schott; Childress 87. Christmas Fern.
- * *Thelypteris hexagonoptera* (Michx.) Weatherby; 19,439. Broad Beech Fern.
Thelypteris noveboracensis (L.) Nieuwland; 19,333. New York Fern.
- * *Onoclea sensibilis* L.; 19,746. Sensitive Fern.

BLECHNACEAE

- Woodwardia areolata* (L.) Moore; 19,104. Netted Chain Fern.

ASPLENIACEAE

- Asplenium platyneuron* (L.) Oakes; 18,718. Ebony Spleenwort.

POLYPODIACEAE

- * *Polypodium polypodioides* (L.) Watt; 18,520. Ressurrection Fern.

PINACEAE (Pine Family)

- Pinus strobus* L.; 20,067. Native plants are extremely rare in our area.
White Pine.
- * *Pinus taeda* L.; Childress 179. This tree apparently is native only in the southern part of the county. Loblolly Pine.
- ** *Pinus rigida* Miller. Pitch Pine.
Pinus echinata Miller; 19,338. Shortleaf Pine.
Pinus virginiana Miller; 19,317. Scrub Pine.
- * *Cedrus deodara* Loudon; 19,989. Our plants are escaping cultivation, and have previously been reported as a Carolinas record (Clark, Powell & Childress, 1973). Deodar Cedar.
- * *Tsuga canadensis* (L.) Carr.; 20,068. Native plants are extremely rare.
Canadian Hemlock.

CUPRESSACEAE

- * *Juniperus communis* L. var. *depressa* Pursh; 19,568. Our county is the second in South Carolina for this plant, and the fourth in the Carolinas. Ground Juniper.
Juniperus virginiana L.; 18,614. Red Cedar.

TYPHACEAE (Cat Tail Family)

- Typha latifolia* L.; 19,405 Cat Tail.

SPARGANIACEAE (Bur Reed Family)

- Sparganium americanum* Nuttall; 19,831. Bur Reed.

POTAMOGETONACEAE (Pondweed Family)

- Potamogeton diversifolius* Raf.; 19,252. Pondweed.

ALISMATACEAE (Water Plantain Family)

- * *Alisma subcordatum* Raf.; 19,626. Water Plantain.

POACEAE (Grass Family)

- Arundinaria gigantea* (Walter) Muhl.; 18,547. Cane.
- Phyllostachys aurea* Riv.; 19,547. Ours is supposedly one of only four counties in South Carolina with escaped or persistent populations of this plant (Radford, Ahles & Bell, 1968), but such populations are actually much more common. Bamboo.
- Arundo donax* L.; 19,238. Giant Reed.
- ** *Cynosurus echinatus* L. Dogtail.
- Tridens flavus* (L.) Hitchcock; 19,459. Purple Top.
- * *Uniola laxa* (L.) BSP.; 19,420.
- Uniola sessiliflora* Piret; 20,129.
- Uniola latifolia* Michx.; 19,606.
- * *Eragrostis cilianensis* (All.) Lutati; in Converse College Herbarium, accession no. 004783. Stink Grass.
- * *Eragrostis poaeoides* Beauvois; 19,980. Ours is the fifth county in South Carolina for this plant.
- * *Eragrostis capillaris* (L.) Nees; 19,406. Love Grass.
- Eragrostis hirsuta* (Michx.) Nees; 19,497.
- * *Eragrostis pilosa* (L.) Beauvois; 19,480.
- * *Eragrostis spectabilis* (Pursh) Steudel; 19,726.
- Dactylis glomerata* L.; 18,988. Orchard Grass.
- Bromus tectorum* L.; 18,779.
- * *Bromus purgans* L.; 19,817.
- * *Bromus catharticus* Vahl; 18,982.
- * *Bromus secalinus* L.; 19,009. Cheat.
- * *Bromus commutatus* Schrader; 19,233.
- Bromus japonicus* Thunberg; 19,157.
- * *Poa annua* L.; 19,993. Bluegrass.
- * *Poa autumnalis* Muhl. ex Ell.; 20,038.
- * *Poa palustris* L.; 18,886. This plant is newly-reported from South Carolina (Clark, Powell & Childress, 1973).
- * *Poa pratensis* L.; 19,113.
- Melica mutica* Walter; 18,659. Melic Grass.
- * *Glyceria pallida* (Torrey) Trinius; 19,122. This plant is newly-reported from South Carolina (Clark, Powell & Childress, 1973).
- Glyceria striata* (Lam.) Hitchcock; 20,034.
- * *Festuca myuros* L.; 19,237.
- * *Festuca octoflora* Walter; 19,177.
- * *Festuca rubra* L.; 18,930. This plant is recently reported from South Carolina (Clark, Powell & Childress, 1973).
- * *Festuca ovina* L. var. *glauca* (Lam.) Koch; Childress 205. This is a previously unreported Carolinas record, escaped from cultivation in our area.

- Festuca elatior* L.; 18,782. Fescue.
Festuca paradoxa Desvaux; 19,307.
 * *Festuca obtusa* Biehler; 19,057.
Lolium multiflorum Lam.; 19,213. Rye Grass.
 * *Hordeum pusillum* Nuttall; 19,222.
 * *Elymus virginicus* L.; 19,327. Wild Rye Grass.
 * *Holcus lanatus* L.; 19,343. Velvet Grass.
 * *Sphenopholis nitida* (Biehler) Scribner; 18,661.
 * *Sphenopholis intermedia* (Rydberg) Rydberg; 20,052.
 * *Sphenopholis obtusata* (Michx.) Scribner; 19,245.
 * *Danthonia sericea* Nuttall; 19,092. Oat Grass.
Danthonia spicata (L.) Beauvois ex R. & S.; 19,305.
Avena sativa L.; 19,156. Oats.
Aira elegans Willd. ex Gaudin; 19,236. Hair Grass.
Stipa Avenacea L.; 18,792. Needle Grass.
 * *Aristida oligantha* Michx.; 19,598.
 * *Aristida dichotoma* Michx.; 19,754.
 * *Aristida longespica* Poiret; 20,119.
 * *Aristida purpurascens* Poiret; 19,881.
 * *Phleum pratense* L.; 19,533. Timothy.
 ** *Sporobolus junceus* (Michx.) Kunth.
 * *Sporobolus poiretii* (R. & S.) Hitchcock; Childress 183. Smut Grass.
 * *Sporobolus vaginiflorus* (Torrey) Wood; 19,692. Dropseed.
 * *Muhlenbergia schreberi* J. F. Gmelin; Childress 203.
 ** *Agrostis stolonifera* L.
 * *Agrostis elliottiana* Schultes; 20,014. This is the first report of this plant from the upper piedmont of South Carolina.
 * *Agrostis perennans* (Walter) Tuckerman; 19,488.
 * *Agrostis scabra* Willd.; 19,706. Plants referable to this taxon in the Carolinas have been included in the following taxon by Radford, Ahles & Bell (1968), but our plants appear to be distinct.
Agrostis hyemalis (Walter) BSP.; 19,187.
 * *Cinna arundinacea* L.; 19,422. Wood Reed.
 * *Brachyelytrum erectum* (Schreber) Beauvois; 19,441.
 ** *Dactyloctenium aegyptium* (L.) Beauvois. Crowfoot Grass.
 * *Eleusine indica* (L.) Gaertner; 19,381. Goose Grass.
Cynodon dactylon (L.) Persoon; 19,256. Bermuda Grass.
 * *Gymnopogon ambiguus* (Michx.) BSP.; 19,724. Beard Grass.
Anthoxanthum odoratum L.; 18,697. Sweet Vernal Grass.
 * *Leersia virginica* Willd.; 19,701.
 * *Leersia oryzoides* (L.) Swartz; 19,645.
 * *Setaria geniculata* (Lam.) Beauvois; 19,344. Foxtail Grass.
 ** *Setaria glauca* (L.) Beauvois.
 * *Setaria faberi* W. Herrmann; 19,523. Ours is the third county in South Carolina for this plant.
 * *Cenchrus echinatus* L.; 19,522. This is apparently the first collection

- of this plant from the upper piedmont of the Carolinas.
Cenchrus longispinus (Hackel) Fernald; 19,680. Sandspur.
Echinochloa crusgalli (L.) Beauvois; 19,548.
- * *Paspalum distichum* L.; 20,094.
- * *Paspalum notatum* Flügge var. *saurae* Parodi; Childress 208. This is apparently the first collection of this plant from the upper piedmont of the Carolinas. Bahia Grass.
Paspalum dilatatum Poir.; 19,472. Dallis Grass.
- * *Paspalum setaceum* Michx.; 19,498.
- * *Paspalum laeve* Michx.; 19,345.
- * *Paspalum floridanum* Michx.; 19,464.
- * *Digitaria ischaemum* (Schreber) Schreber ex. Muhl.; 19,879. Ours is apparently the first collection from the upper piedmont of South Carolina.
Digitaria sanguinalis (L.) Scopoli; 19,481. Crab Grass.
Axonopus affinis Chase; Childress 206. Carpet Grass.
Leptoloma cognatum (Schultes) Chase; 19,878. Witch Grass.
Panicum anceps Michx.; Childress 204. ("Panic Grass" is the common name for many members of the genus *Panicum*.)
- * *Panicum longifolium* Torrey; 19,899. Ours is apparently the first collection from the upper piedmont of South Carolina.
- * *Panicum stipitatum* Nash; 19,835.
Panicum dichotomiflorum Michx.; 19,374.
- * *Panicum lithophilum* Swallen; 20,114. This plant is very restricted in habitat, and our collections are apparently from the third county in the Carolinas.
- ** *Panicum hians* Ell.
- * *Panicum depauperatum* Muhl.; 18,662.
- * *Panicum laxiflorum* Lam.; 18,790.
- * *Panicum ravenelii* Scribner & Merrill; 18,959.
Panicum villosissimum Nash; 19,182.
Panicum dichotomum L.; 19,014.
- * *Panicum sphaerocarpon* Ell.; 19,111.
Panicum polyanthes Schultes; 19,418.
- * *Panicum scoparium* Lam.; 19,361.
Panicum commutatum Schultes; 18,671.
Panicum clandestinum L.; 18,945.
- * *Panicum boscii* Poir.; 19,123.
- * *Microstegium vimineum* (Trinius) A. Camus; 19,914.
- * *Erianthus giganteus* (Walter) Muhl.; 19,713. Plume Grass.
- * *Andropogon scoparius* (Michx.) Nash; 19,978. Little Bluestem.
Andropogon ternarius Michx.; 19,928.
- * *Andropogon virginicus* L.; 19,910. Broom Sedge.
- * *Andropogon perforatus* Trinius ex Fournier; 20,132. This plant was recently reported as new for the southeastern United States (Clark, Powell & Childress, 1973).
Sorghum halepense (L.) Persoon; 19,549. Johnson Grass.
Tripsacum dactyloides L.; 19,672. Gamma Grass.

CYPERACEAE (Sedge Family)

- Cyperus tenuifolius* (Steudel) Dandy; 19,514.
Cyperus flavescens L.; 20,090.
* *Cyperus albomarginatus* Martius & Schrader ex Nees; 19,650.
* *Cyperus aristatus* Rottboell; 20,086.
* *Cyperus odoratus* L.; 19,620. This is the first report of this plant in the upper piedmont of South Carolina.
** *Cyperus erythrorhizos* Muhl.
Cyperus rotundus L.; 19,479.
* *Cyperus esculentus* L.; 19,635.
* *Cyperus iria* L.; 19,615.
* *Cyperus compressus* L.; 19,981. This is the second county in the upper piedmont of the Carolinas for this plant.
Cyperus strigosus L.; 19,729.
* *Cyperus retrofractus* (L.) Torrey; 19,376.
* *Cyperus retrorsus* Chapman; 19,354.
* *Cyperus filiculmis* Vahl; 19,675.
Dulichium arundinaceum (L.) Britton; 19,832.
Eleocharis obtusa Willd.) Schultes; 19,276. Spike Rush.
* *Eleocharis tuberculosa* (Michx.) R. & S.; 19,368. This is the first report of this plant from the upper piedmont of South Carolina.
* *Eleocharis microcarpa* Torrey; 20,091. This is the first report of this plant from South Carolina's upper piedmont.
* *Bulbostylis capillaris* (L.) Clarke; 20,085.
* *Fimbristylis dichotoma* (L.) Vahl; Childress 104.
Fimbristylis autumnalis (L.) R. & S.; 19,526.
* *Fimbristylis miliacea* (L.) Vahl; 19,651.
** *Scirpus validus* Vahl.
Scirpus atrovirens Willd.; 19,279.
Scirpus polyphyllus Vahl; 19,636.
* *Scirpus cyperinus* (L.) Kunth; 19,748. Bulrush.
Fuirena squarrosa Michx.; 19,524. Umbrella Grass.
** *Rhynchospora corniculata* (Lam.) Gray
* *Rhynchospora chalarocephala* Fernald & Gale; 20,104. This is the first report of this plant from the upper piedmont of South Carolina.
* *Rhynchospora glomerata* (L.) Vahl; 19,527. Beak Rush.
* *Scleria oligantha* Michx.; 19,072. Nut Rush.
* *Carex sparganioides* Muhl.; 18,693. This is a previously unreported state record for South Carolina, and apparently the first documented occurrence in the upper piedmont of the Carolinas.
Carex retroflexa Muhl. ex Schkuhr; 19,135.
* *Carex rosea* Schkuhr; 19,121.
Carex vulpinoidea Michx.; 19,015.
* *Carex annectans* Bicknell; 19,133.
* *Carex stipata* Muhl. ex Schkuhr; 18,971.
* *Carex laevivaginata* (Kukenthal) Mackenzie; 18,996.

- * *Carex incompta* Bicknell; 19,028.
Carex tribuloides Wahlenberg; Childress 163.
- ** *Carex scoparia* Schkuhr
- * *Carex umbellata* Schkuhr; 19,106. This is the third county in South Carolina for this plant.
- * *Carex physorhyncha* Liebmann; 18,586. This plant was recently reported as a state record for South Carolina (Clark, Powell & Childress, 1973).
- * *Carex emmonsii* Dewey; 18,888. Apparently, this is the fourth county in South Carolina reported for this plant.
- * *Carex laxiculmis* Schweinitz; 19,136. Ours is the second county in South Carolina reported for this plant.
- * *Carex blanda* Dewey; 18,843Y.
- * *Carex grisea* Wahlenberg; 19,020.
- * *Carex flaccosperma* Dewey; 18,628.
- * *Carex oxylepis* Torrey & Hooker; 19,023.
- * *Carex venusta* Dewey; 19,032.
- * *Carex debilis* Michx. var. *rudgei* Bailey; 19,132. This plant was recently reported as a state record for South Carolina (Clark, Powell & Childress, 1973). Ours is the first piedmont location in the Carolinas for the plant.
- * *Carex caroliniana* Schweinitz; 19,021.
- * *Carex complanata* Torrey & Hooker; 18,655.
Carex crinita Lam.; 19,002.
- * *Carex squarrosa* L.; 19,041. Ours is the second county for this plant reported in South Carolina.
Carex lurida Wahlenberg; Childress 165.
- * *Carex intumescens* Rudge; 19,017.
Carex lupulina Muhl. ex Schkuhr; 19,042.

ARACEAE (Arum Family)

- Peltandra virginica* (L.) Kunth; Childress 58.
- * *Arisaema triphyllum* (L.) Schott; 18,587. Jack in the Pulpit.

LEMNACEAE (Duckweed Family)

- * *Lemna valdiviana* Philippi; Childress 99. This apparently is the first piedmont locality reported in the Carolinas for this plant. Duckweed.

XYRIDACEAE (Yellow-Eyed Grass Family)

- * *Xyris difformis* Chapman; 20,089. Yellow-Eyed Grass.

COMMELINACEAE (Spiderwort Family)

- * *Commelina virginica* L.; 19,703.
- * *Commelina erecta* L.; Childress 101.
Commelina communis L.; 19,323. Dayflower.
- * *Aneilema keisak* Hasskarl; 19,741.
Tradescantia rosea Vent.; Childress 176.

Tradescantia subaspera Ker; 19,142. Spiderwort.

* *Tradescantia roseolens* Small; Childress 147A. This plant is rare and restricted in habitat. Ours is the third county reported for it in South Carolina.

* *Tradescantia roseolens* Small X *Tradescantia hirsuticaulis* Small; Childress 147B. Even though we failed to find one of the putative parents, this collection appears intermediate between them.

PONTEDERIACEAE (Pickerelweed Family)

Pontederia cordata L.; 19,627. Pickerelweed.

JUNCACEAE (Rush Family)

Juncus effusus L.; 18,941.

Juncus coriaceus Mackenzie; 19,652.

Juncus tenuis Willd.; 18,921. Path Rush.

** *Juncus platyphyllus* (Wiegand) Fernald

* *Juncus georgianus* Coville; 20,117. This plant is rare and restricted in habitat. Ours is the second county in South Carolina in which it reportedly grows.

** *Juncus dichotomus* Ell.

* *Juncus marginatus* Rostk.; 20,099.

* *Juncus canadensis* J. Gay ex La Harpe; 18,919. Ours apparently is the first piedmont locality reported in South Carolina for this plant.

* *Juncus subcaudatus* (Engelm.) Coville & Blake; 19,525. Rare; our location is the first non-montane report for the Carolinas.

* *Juncus acuminatus* Michx.; 19,151.

* *Juncus debilis* Gray; 20,102. This is the first report of an upper piedmont location in South Carolina.

Luzula multiflora (Retzius) Lej.; 18,488.

Luzula echinata (Small) Hermann; 18,567. Woodrush.

LILIACEAE (Lily Family)

Asparagus officinalis L.; 18,925. Asparagus.

* *Smilax herbacea* L. var. *pulverulenta* (Michx.) Gray; 19,448.

* *Smilax ecirrhata* (Engelm.) Watson var. *biltmoreana* (Small) Ahles; 20,071.

Smilax rotundifolia L.; 18,645.

* *Smilax bona-nox* L.; 18,732.

* *Smilax tamnoides* L. var. *hispida* (Muhl.) Fernald; 18,657.

* *Smilax glauca* Walter; 18,902. Catbrier.

* *Smilax walteri* Pursh; 19,080. This is apparently the first report from the upper piedmont of South Carolina. Walter's *Smilax*.

* *Smilax laurifolia* L.; 18,481. Bamboo Vine.

* *Trillium cuneatum* Raf.; Childress 10. Little Sweet Betsy.

Trillium catesbaei Ell.; Childress 11. Catesby's *Trillium*.

* *Medeola virginiana* L.; 18,889. Indian Cucumber Root.

* *Liriope muscari* Bailey; 19,447. This collection was recently cited as a

plant recently escaped in the Carolinas (Clark, Powell & Childress, 1973). Liriope.

Smilacina racemosa (L.) Desf.; 20,013. False Solomon's Seal.

* *Disporum lanuginosum* (Michx.) Nicholson; 18,852. Ours is the fourth county reported in South Carolina for this plant. Mandarin.

Polygonatum biflorum (Walter) Ell.; 18,744. Solomon's Seal.

* *Yucca filamentosa* L. var. *smalliana* (Fernald) Ahles; 19,694. Yucca.

* *Chamaelirium luteum* (L.) Gray; Childress 93. Blazing Star.

** *Amianthium muscaetoxicum* (Walter) Gray. Fly Poison.

* *Melanthium virginicum* L.; 20, 197. Rare; our county is the third in South Carolina reported for this plant, and the first county of the South Carolina piedmont. Virginia Bunchflower.

Ornithogalum umbellatum L.; 20,010. Star of Bethlehem.

Muscari racemosum (L.) Miller; Rodgers 003881 (in Converse College Herbarium). Grape Hyacinth.

Hemerocallis fulva L.; 19,220. Day Lily.

Lilium michauxii Poiret; Childress 84. Turk's Cap Lily.

Uvularia perfoliata L.; 18,853. Bellwort.

* *Uvularia pudica* (Walter) Fernald; 18,799.

** *Allium vineale* L. Field Garlic.

* *Allium canadense* L.; 19,016. Wild Onion.

* *Allium bivalve* (L.) Kuntze; 18,627. False Garlic.

DIOSCOREACEAE (Yam Family)

Dioscorea batatas Dcne.; 19,440. Potato Vine.

Dioscorea villosa L. var. *villosa*; 19,089. Wild Yam.

* *Dioscorea villosa* L. var. *hirticaulis* (Bartlett) Ahles; 19,088. Ours is apparently the first locality for the piedmont of South Carolina.

* *Narcissus biflorus* Curt.; 20,005. This collection and the following one were recently cited as new to the Carolinas (Clark, Powell & Childress, 1973).

* *Narcissus odoratus* L.; 20,002.

** *Narcissus tazetta* L. X *Narcissus poeticus* L. Daffodil.

* *Zephyranthes atamasco* (L.) Herbert; 18,652. Atamasco Lily.

* *Hypoxis hirsuta* (L.) Coville; 18,896. Yellow Star Grass.

* *Agave virginica* L.; 19,415.

IRIDACEAE (Iris Family)

** *Belamcanda chinensis* (L.) DC. Blackberry Lily.

* *Sisyrinchium albidum* Raf.; 18,622.

Sisyrinchium mucronatum Michx. var. *atlanticum* (Bicknell) Ahles.

Sisyrinchium angustifolium Miller; Childress 63. Blue-Eyed Grass.

** *Gladiolus papilio* Hooker f. *Gladiolus*.

Iris virginica L.; Childress 69. Blue Flag.

Iris germanica L.; 20,004. Garden Iris.

* *Iris verna* L.; 18,812. Dwarf Iris.

* *Iris cristata* Aiton; 18,564. Dwarf Iris.

ORCHIDACEAE (Orchid Family)

Cypripedium acaule Aiton; Childress 172. Pink Lady's Slipper.

* *Cypripedium calceolus* L. var. *pubescens* (Willd.) Correll; Childress 170. Yellow Lady's Slipper.

* *Orchis spectabilis* L.; Childress 171. Ours is the fourth county in South Carolina for plants of this taxon. Showy Orchis.

* *Spiranthes grayi* Ames; Childress 175. Little Ladies' Tresses.

* *Spiranthes gracilis* (Bigelow) Beck; Childress 174. Slender Ladies' Tresses.

Goodyera pubescens (Willd.) R. Brown; 18,862. Rattlesnake Plantain.

Tipularia discolor (Pursh) Nuttall; 19,390. Crane Fly Orchid.

* *Aplectrum hyemale* (Muhl. ex Willd.) Torrey; Childress 187. This collection was recently cited as a state record (Clark, Powell & Childress, 1973). Adam and Eve.

Corallorhiza odontorhiza (Willd.) Nuttall; Childress 115. Autumn Coral Root.

SAURURACEAE (Lizard's Tail Family)

Saururus cernuus L.; 19,824. Lizard's Tail.

SALICACEAE (Willow Family)

* *Salix babylonica* L.; 186. Ours is the third county in the state reported for plants of this species. Weeping Willow.

Salix sericea Marshall; 19,239. Silky Willow.

* *Salix nigra* Marshall; Childress 33. Black Willow.

* *Populus deltoides* Marshall; 18,667. Cottonwood.

Populus alba L.; 19,218. Silver Poplar.

JUGLANDACEAE (Walnut Family)

* *Juglans nigra* L.; 18,707. Walnut.

* *Juglans cinerea* L.; 18,847. Butternut.

* *Carya illinoensis* (Wang.) K. Koch; 18,973. Pecan.

* *Carya cordiformis* (Wang.) K. Koch; Childress 42b. Bitternut Hickory.

* *Carya carolinae-septentrionalis* (Ashe) Engler & Graebner; 18,601. Southern Shagbark Hickory.

* *Carya ovata* (Miller) K. Koch; 18,867a. This hickory is apparently uncommon in South Carolina. Shagbark Hickory.

* *Carya pallida* (Ashe) Engler & Graebner; 19,201. Pale Hickory.

Carya tomentosa (Poiret) Nuttall; 18,954. Mockernut Hickory.

* *Carya glabra* (Miller) Sweet; 18,722. Pignut Hickory.

BETULACEAE (Birch Family)

Alnus serrulata (Aiton) Willd.; 19,529. Alder.

* *Corylus cornuta* Marshall; 18,803. This species is apparently poorly collected in upper South Carolina. Beaked Hazelnut.

- * *Corylus americana* Walter; 18,827. Hazelnut.
- Betula nigra* L.; 18,710. River Birch.
- Carpinus caroliniana* Walter; 18,715. Ironwood.

FAGACEAE (Beech Family)

- Fagus grandifolia* Ehrhart; 19,164. Beech.
- * *Castanea dentata* (Marshall) Borkh.; 18,833. Chestnut.
- Quercus alba* L.; 18,953. White Oak.
- Quercus stellata* Wang.; 19,653. Post Oak.
- Quercus lyrata* Walter; 18,644a. Overcup Oak.
- Quercus michauxii* Nuttall; 19,035. Swamp Chestnut Oak.
- * *Quercus prinus* L.; 18,801. Chestnut Oak.
- * *Quercus rubra* L.; 18,603. Red Oak.
- * *Quercus shumardii* Buckley; 19,053. Shumard's Oak.
- ** *Quercus georgiana* M.A. Curtis. Georgia Oak.
- Quercus velutina* Lam.; 18,602. Black Oak.
- Quercus coccinea* Muenchh.; 18,836. Scarlet Oak.
- Quercus falcata* Michx.; 19,654. Southern Red Oak.
- Quercus marilandica* Muenchh.; 18,960. Blackjack Oak.
- Quercus nigra* L.; 19,605. Water Oak.
- Quercus phellos* L.; 18,612. Willow Oak.
- * *Quercus* X *rudkini* Britton; 18,633, 19,270. Blackjack-Black Oak Hybrid.

ULMACEAE (Elm Family)

- * *Ulmus rubra* Muhl.; 19,432. Slippery Elm.
- * *Ulmus americana* L.; 19,018. American Elm.
- Ulmus alata* Michx.; 18,610. Winged Elm.
- * *Celtis laevigata* Willd.; 19,162. Sugarberry.
- * *Celtis occidentalis* L. var. *occidentalis*; 18,969. This collection was recently cited as a state record (Clark, Powell & Childress, 1973). Hackberry.
- Celtis occidentalis* L. var. *georgiana* (Small) Ahles; 19,618.

MORACEAE (Mulberry Family)

- Broussonetia papyrifera* (L.) Vent.; 18,692. Paper Mulberry.
- Morus alba* L.; 18,691. White Mulberry.
- Morus rubra* L.; 18,677. Mulberry.
- * *Maclura pomifera* (Raf.) Schneider; 18,964. Osage Orange.

URTICACEAE (Nettle Family)

- Boehmeria cylindrica* (L.) Swartz; 19,485. False Nettle.
- * *Pilea pumila* (L.) Gray; 19,443. Clearweed.

SANTALACEAE (Sandalwood Family)

- Nestronia umbellula* Raf.; 18,957.
- * *Pyrrularia pubera* Michx.; 20,026. Buffalo Nut.

LORANTHACEAE (Mistletoe Family)

- * *Phoradendron serotinum* (Raf.) M. C. Johnston; 19,105. Mistletoe.

ARISTOLOCHACEAE (Birthwort Family)

- Aristolochia serpentaria* L.; 19,140. *Serpentaria*.
- Hexastylis arifolia* (Michx.) Small; Childress 18. Wild Ginger.
- * *Hexastylis naniflora* Blomquist; 18,518.
- * *Hexastylis minor* (Ashe) Blomquist; 19,097.

POLYGONACEAE (Buckwheat Family)

- * *Rumex acetosella* L.; 19,180. Sour Grass.
- Rumex hastatulus* Baldwin ex. Ell.; 18,751.
- Rumex crispus* L.; 19,074. Dock.
- * *Rumex pulcher* L.; 19,075.
- * *Tovara virginiana* (L.) Raf.; 19,423. *Jumpseed*.
- * *Polygonum erectum* L.; 19,609. Ours is the second county in South Carolina for plants of this taxon (Rodgers, 1973).
- * *Polygonum aviculare* L.; 19,012.
- Polygonum pensylvanicum* L.; 19,916.
- * *Polygonum lapathifolium* L.; 19,649. This collection was recently cited as a state record (Clark, Powell & Childress, 1973).
- * *Polygonum cespitosum* Blume var. *longisetum* (DeBruyn) Stewart; 19,920. Ours is the second county in South Carolina for plants of this taxon (Rodgers, 1973).
- * *Polygonum persicaria* L.; 19,513.
- Polygonum punctatum* Ell.; 19,761. Smartweed.
- ** *Polygonum hydropiperoides* Michx.
- Polygonum sagittatum* L.; 19,733.
- * *Polygonum scandens* L. var. *scandens*; 19,631. Climbing Buckwheat.
- * *Polygonum scandens* L. var. *cristatum* (Engelm. & Gray) Gleason; 19,778. Ours is apparently the first piedmont county in South Carolina to be cited for plants of this taxon, and the third county in the state. This taxon may not warrant recognition (Horton, 1972).
- * *Polygonum cuspidatum* Siebold & Zucc.; 20,198.

CHENOPODIACEAE (Goosefoot Family)

- Chenopodium ambrosioides* L.; 19,540. Mexican Tea.
- Chenopodium album* L.; 19,539. Lamb's Quarter.

AMARANTHACEAE (Amaranth Family)

- Amaranthus hybridus* L.; 19,541. Pigweed.
- ** *Amaranthus spinosus* L.

NYCTAGINACEAE (Four O'Clock Family)

- ** *Boerhaavia erecta* L.

PHYTOLACCACEAE (Pokeweed Family)

- Phytolacca americana* L.; 19,229. Pokeweed.

AIZOACEAE (Carpet Weed Family)

- * *Mollugo verticillata* L.; 19,643. Carpet Weed.

PORTULACACEAE (Purslane Family)

Claytonia virginica L.; 18,623. Spring Beauty.

- * *Talinum teretifolium* Pursh; 18,773.

* *Talinum paniculatum* (Jacquin) Gaertner; Childress 83. This collection was recently cited as a state record (Clark, Powell & Childress, 1973).

- * *Portulaca oleracea* L.; 19,976.

CARYOPHYLLACEAE (Pink Family)

Scleranthus annuus L.; 18,503.

Stellaria media (L.) Cyrillo; Childress 116. Chickweed.

Stellaria pubera Michx.; 18,563. Giant Chickweed.

Cerastium glomeratum Thuillier; 18,556.

- ** *Cerastium brachypetalum* Persoon.

- * *Cerastium nutans* Raf.; 18,752.

* *Cerastium nutans* Raf. var. *brachypodium* Engelm.; 18,823. Ours is apparently the second county in South Carolina and the fourth in the Carolinas to be reported for plants of this taxon.

Holosteum umbellatum L.; 18,507. Jagged Chickweed.

Sagina decumbens (Ell.) T. & G.; 19,996. Pearlwort.

- ** *Arenaria serpyllifolia* L.

* *Arenaria uniflora* (Walter) Muhl.; 18,502. Ours is apparently the second county in the upper piedmont of the Carolinas in which populations of these plants have been discovered.

* *Arenaria groenlandica* (Retzius) Sprengel var. *glabra* (Michx.) Fernald; 18,733.

- * *Dianthus armeria* L.; 19,206.

Agrostemma githago L.; 18,816. Corn Cockle.

Saponaria officinalis L.; 19,359. Bouncing Bet.

- * *Silene stellata* (L.) Aiton f.; 19,779. Starry Campion.

Silene antirrhina L.; 18,911. Sleepy Catchfly.

Silene virginica L.; 18,539. Fire Pink.

NYMPHAEACEAE (Water Lily Family)

Nuphar luteum (L.) Sibthorp & Smith ssp. *macrophyllum* (Small) E. O. Beal; 19,315 & Childress 57. Yellow Pond Lily.

RANUNCULACEAE (Crowfoot Family)

Xanthorhiza simplicissima Marshall; 18,476. Yellow Root.

Delphinium ajacis L.; 19,231. Larkspur.

* *Aconitum uncinatum* L.; 19,453. Ours is apparently the second county reported in South Carolina for plants of this taxon. Monk's Hood.

* *Cimicifuga racemosa* Nuttall; 19,600. Black Cohosh.

- * *Clematis ochroleuca* Aiton; 18,619.

Clematis viorna L.; 19,659.

- ** *Clematis dioscoreifolia* Levl. & Vaniot.
Clematis virginiana L.; 19,728. Virgin's Bower.
Thalictrum thalictroides (L.) Boivin; Childress 118. Windflower.
- * *Thalictrum dioicum* L.; 18,887. This collection was recently cited as a state record (Clark, Powell & Childress, 1973).
- * *Thalictrum revolutum* DC.; Childress 148.
- * *Ranunculus parviflorus* L.; 20,001.
- ** *Ranunculus pusillus* Poiret.
Ranunculus abortivus L.; 18,530.
Ranunculus recurvatus Poiret; 19,263.
Ranunculus hispidus Michx.; 18,666. Buttercup.
Hepatica americana (DC.) Ker; 18,537. Hepatica.
- * *Anemone virginiana* L.; Childress 88. Thimbleweed.
Anemone lancifolia Pursh; 18,523. Anemone.

BERBERIDACEAE (Barberry Family)

- * *Mahonia nervosa* Nuttall; Childress 199. Plants of this taxon and of the one which follows have recently been reported as escaped in our state (Clark, Powell & Childress, 1973). Oregon Grape.
- * *Nandina domestica* Thunberg; 19,936. Nandina.
Podophyllum peltatum L.; 18,579. May Apple.

MENISPERMACEAE (Moonseed Family)

- * *Cocculus carolinus* (L.) DC.; 19,677. Coral Beads.

MAGNOLIACEAE (Magnolia Family)

- Liriodendron tulipifera* L.; 19,528. Tulip Tree.
- * *Magnolia grandiflora* L.; 20,002x. Magnolia.
- * *Magnolia fraseri* Walter; Childress 21. Fraser Magnolia.
Magnolia acuminata L.; Childress 91. Cucumber Tree.

ANNONACEAE (Custard Apple Family)

- Asimina parviflora* (Michx.) Dunal; 18,814. Dwarf Pawpaw.
- * *Asimina triloba* (L.) Dunal; 18,864. Pawpaw.

CALYCANTHACEAE

- Calycanthus floridus* L. var. *laevigatus* (Willd.) T. & G.; Childress 24. Sweet Shrub.

LAURACEAE (Laurel Family)

- Sassafras albidum* (Nuttall) Nees; 18,703. Sassafras.
- * *Lindera benzoin* (L.) Blume; 19,950. Spicebush.

PAPAVERACEAE (Poppy Family)

- Sanguinaria canadensis* L.; 18,479. Bloodroot.
- ** *Papaver dubium* L.

BRASSICACEAE (Mustard Family)

- Draba brachycarpa* Nuttall ex T. & G.; 19,994.
Draba verna L.; 19,988. Whitlow Grass.
Lepidium virginicum L.; 18,681. Peppergrass.
Coronopus didymus (L.) Smith; Childress 29.
Capsella bursa-pastoris (L.) Medicus; 20,000. Shepherd's Purse.
Raphanus raphanistrum L.; 18,937. Wild Radish.
** *Raphanus sativus* L. Radish.
* *Brassica kaber* (DC.) L. Wheeler; 20,072. Ours is apparently the third county in South Carolina reported for plants of this taxon. Charlock.
* *Brassica napus* L.; 20,003. Ours is the third county in the state reported for plants of this species. Turnip.
Arabidopsis thaliana (L.) Heynhold; 18,493. Mouse Ear Cress.
Rorippa islandica (Oeder) Borbas; 18,690. Yellow Cress.
* *Nasturtium officinale* R. Brown; 20,033. Our county is apparently the third in South Carolina reported as a locality for plants of this species. Watercress.
Barbarea verna (Miller) Ascherson; 20,006. Winter Cress.
* *Cardamine diphylla* (Michx.) Wood; Childress 35. Toothwort.
Cardamine hirsuta L.; 18,508.
* *Cardamine parviflora* L. var. *arenicola* (Britton) O. E. Schulz; Childress 190.
* *Sibara virginica* (L.) Rollins; Childress 125.
* *Arabis laevigata* (Muhl. ex Willd.) Poiret; Childress 34. This collection was recently cited as a state record (Clark, Powell & Childress, 1973).

CRASSULACEAE (Orpine Family)

- * *Sedum smallii* (Britton) Ahles; 18,498.
* *Penthorum sedoides* L.; 19,732. Ditch Stonecrop.

SAXIFRAGACEAE (Saxifrage Family)

- * *Itea virginica* L.; 19,077. Virginia Willow.
Decumaria barbarea L.; 18,512. Climbing Hydrangea.
** *Philadelphus inodorus* L. Mock Orange.
* *Philadelphus coronarius* L.; 18,783. This collection was recently cited as a state record (Clark, Powell & Childress, 1973).
Hydrangea arborescens L. ssp. *radiata* (Walter) McClintock; 18,832. Wild Hydrangea.
Heuchera americana L.; 18,725. Alum Root.
Tiarella cordifolia L. var. *collina* Wherry; 18,568. Foamflower.
* *Saxifraga virginiana* Michx.; 18,484.

HAMAMELIDACEAE (Witch Hazel Family)

- Liquidambar styraciflua* L.; 18,955. Sweet Gum.
Hamamelis virginiana L.; 18,897. Witch Hazel.

- * *Fothergilla major* (Sims) Lodd; 19,076. Ours is apparently the second county in South Carolina to be reported as a locality for plants of this species. Witch Alder.

PLATANACEAE (Plane Tree Family)

Platanus occidentalis L.; 18,711. Sycamore.

ROSACEAE (Rose Family)

- Fragaria virginiana* Duchesne; 18,489. Strawberry.
- Duchesnea indica* (Andrz.) Focke; 18,972. Snakeberry.
- Waldsteinia fragarioides* (Michx.) Tratt.; 18,528. Barren Strawberry.
- Potentilla canadensis* L.; 18,644b. Five Fingers.
- * *Potentilla simplex* Michx.; Childress 68.
- Potentilla recta* L.; 18,192.
- Rubus bifrons* Vest; 18,904. Himalaya Berry.
- Rubus cuneifolius* Pursh; 19,297. Blackberry.
- * *Rubus allegheniensis* Porter; 18,872. Ours is apparently the second county in the state to be cited as a locality for plants of this species. Blackberry.
- Rubus betulifolius* Small; 19,055. Blackberry.
- Rubus argutus* Link; Childress 64. Blackberry.
- Rubus flagellaris* Willd.; 18,590. Dewberry.
- * *Rubus trivialis* Michx.; 19,260. Dewberry.
- * *Geum canadense* Jacquin; 19,423a
- Geum virginianum* L.; Childress 152.
- Aphanes microcarpa* (Boissier & Reuter) Rothm.; 18,759. Nomenclature for this taxon follows Tutin, *et al.* (1968). (*Alchemilla microcarpa* Boissier & Reut.)
- * *Agrimonia parviflora* Aiton; 19,702.
- * *Agrimonia gryposepala* Wallroth; 19,786. Plants of this taxon have only recently been reported from South Carolina (Rodgers, 1973). Ours is the second county in which the species is reported.
- Agrimonia rostellata* Wallroth; 19,435.
- * *Agrimonia pubescens* Wallroth var. *microcarpa* (Wallroth) Ahles; Childress 98.
- Rosa multiflora* Thunberg; 18,839. Multiflora Rose.
- * *Rosa wichuriana* Crepin; 19,208. Memorial Rose.
- * *Rosa cathayensis* Bailey; 19,216. This collection and the one which follows have recently been cited as new to the Carolinas (Clark, Powell & Childress, 1973).
- * *Rosa xanthina* Lindley; 18,967.
- * *Rosa palustris* Marshall; 19,705. Swamp Rose.
- Rosa carolina* L.; 19,203. Carolina Rose.
- * *Rosa rubrifolia* Villars; 18,838a. This collection and the one which follows have recently been cited as new to the Carolinas (Clark, Powell & Childress, 1973).

- * *Rosa borboniana* Desportes X *Rosa chinensis* Jacquin; 18,838b.
- * *Gillenia trifoliata* (L.) Moench.; 19,086. Indian Physic.
- Physocarpus opulifolius* (L.) Maxim.; 18,548. Ninebark.
- * *Pyrus communis* L.; 18,597. Pear.
- * *Malus pumila* Miller; 19,973. Apple.
- * *Malus angustifolia* (Aiton) Michx.; 20,017. Crab Apple.
- Sorbus arbutifolia* (L.) Heynhold; 18,815. Chokeberry.
- * *Pyracantha koidzumii* Rehder; 19,809. This collection has recently been cited as a Carolinas record (Clark, Powell & Childress, 1973). *Pyracantha*.
- Crataegus uniflora* Muenchh.; 19,257.
- * *Crataegus flava* Aiton; 19,207. Hawthorn (Other species in this genus also carry the same common name).
- * *Crataegus coccinea* L.; 19,117. This species was recently cited as new to South Carolina (Clark, Powell & Childress, 1973).
- * *Crataegus crus-galli* L.; 18,592.
- * *Crataegus spathulata* Michx.; 18,591.
- Amelanchier arborea* (Michx. f.) Fernald; 18,470. Service Berry.
- Prunus persica* (L.) Batsch; Childress 122. Peach.
- Prunus angustifolia* Marshall; 18,472. Chickasaw Plum.
- * *Prunus americana* Marshall; 18,581. Wild Plum.
- * *Prunus americana* var. *lanata* Sudw.; 18,617.
- * *Prunus umbellata* Ell.; 18,473. Hog Plum.
- Prunus serotina* Ehrhart; 18,607. Black Cherry.

FABACEAE (Bean Family)

- Albizia julibrissin* Durazzini; 19,274. Mimosa.
- Schrankia microphylla* (Solander ex Smith) Macbride; 19,221. Sensitive Brier.
- Cercis canadensis* L.; 18,490. Redbud.
- Cassia obtusifolia* L.; 19,633. Sicklepod.
- * *Cassia marilandica* L.; 19,742. Ours is the second in South Carolina to be reported for this species. Wild Senna.
- Cassia fasciculata* Michx.; 19,392. Partridge Pea.
- Cassia nictitans* L.; 19,468. Sensitive Plant.
- Gleditsia triacanthos* L.; 18,694. Honey Locust.
- Baptisia bracteata* Muhl. ex Ell.; 18,631.
- * *Baptisia tinctoria* (L.) R. Brown; 18,963.
- Baptisia alba* (L.) R. Brown; 18,805.
- * *Crotalaria sagittalis* L.; Childress 159. Rattlebox.
- * *Crotalaria spectabilis* Roth; 19,807.
- * *Cytisus scoparius* (L.) Link; 19,253. Scotch Broom.
- Trifolium arvense* L.; 18,914. Rabbit Foot Clover.
- Trifolium incarnatum* L.; 20,040. Crimson Clover.
- Trifolium pratense* L.; 18,942. Red Clover.
- Trifolium repens* L.; 19,601. White Clover.

- Trifolium hybridum* L.; 19,983. Alsike Clover.
Trifolium reflexum L.; Childress 145. Buffalo Clover.
Trifolium campestre Schreber; 18,767a. Low Hop Clover.
Trifolium dubium Sibthorp; Childress 146. Low Hop Clover.
Melilotus officinalis (L.) Lam.; 18,781. Yellow Sweet Clover.
Melilotus alba Desr.; Childress 168. White Sweet Clover.
Medicago lupulina L.; 18,900 Black Medic.
Medicago arabica (L.) Hudson; 18,787. Spotted Medic.
- ** *Psoralea onobrychis* Nuttall.
Stylosanthes biflora (L.) BSP.; 19,197. Pencil Flower.
- * *Desmodium nudiflorum* (L.) DC.; 19,438.
Desmodium glutinosum (Muhl. ex Willd.) Wood; 19,954.
Desmodium rotundifolium DC.; 19,790.
Desmodium canescens (L.) DC.; 19,674.
Desmodium sessilifolium (Torrey) T. & G.; 19,798. Our collection is reported from the third county in the state and the fourth county in the Carolinas.
Desmodium ciliare (Muhl. ex Willd.) DC.; 19,861.
Desmodium marilandicum (L.) DC.; 19,902.
Desmodium marilandicum (L.) DC. X *Desmodium obtusum* (Muhl. ex Willd.) DC.; 19,932.
Desmodium obtusum (Muhl. ex Willd.) DC.; 19,860.
Desmodium paniculatum (L.) DC.; 19,717. Beggar's Lice (Other species in this genus also carry the same common name).
Desmodium laevigatum (Nuttall) DC.; 19,895.
Desmodium viridiflorum (L.) DC.; 19,862.
Desmodium nuttallii (Schwindler) Schubert; 19,867a.
Desmodium glabellum (Michx.) DC.; 19,845.
Desmodium perplexum Schubert; 19,942.
- * *Lespedeza procumbens* Michx.; 19,883. All members of this genus are called lespedezas.
Lespedeza repens (L.) Barton; 19,502.
Lespedeza bicolor Turcz.; Childress 108.
Lespedeza virginica (L.) Britton; 19,673.
Lespedeza stuevei Nuttall; 19,871.
Lespedeza intermedia (Watson) Britton; 19,882.
Lespedeza cuneata (Dumont) G. Don; 19,342. Sericea.
Wisteria frutescens (L.) Poir.; 18,994.
Wisteria sinensis (Sims) Sweet; 18,784. Wisteria.
Robinia pseudo-acacia L.; 19,227. Black Locust.
Robinia hartwigii Koehne; 19,219. Recently reported as a state record (Clark, Powell & Childress, 1973). Ours is apparently the fourth county in the Carolinas for plants of this taxon.
Robinia hispida L.; 19,205. Bristly Locust.
- ** *Robinia nana* Ell.
Robinia kelseyi Hutchinson; 18,837. This species has recently been reported as a state record (Clark, Powell & Childress, 1973).

- Tephrosia virginiana* (L.) Persoon; 19,108. Goat's Rue.
Tephrosia spicata (Walter) T. & G.; 19,318.
Vicia grandiflora Scopoli; Childress 45.
Vicia angustifolia Reichard; 18,698.
Vicia dasycarpa Tenore; Childress 44. Smooth Vetch.
 * *Vicia hirsuta* (L.) S. F. Gray; 18,786.
 * *Vicia tetrasperma* (L.) Moench.; 18,688.
 ** *Vicia caroliniana* Walter.
 * *Lathyrus hirsutus* L.; 19,262.
Lathyrus latifolius L.; 19,109.
 * *Apios americana* Medicus; 19,735. Ground Nut.
Clitoria mariana L.; 19,325. Butterfly Pea.
Rhynchosia tomentosa (L.) H. & A.; 19,595.
 * *Phaseolus vulgaris* L. var *humilis* Alefeld; 19,676. This collection was recently cited as a Carolinas record (Clark, Powell & Childress, 1973). Snap Bean.
 ** *Strophostyles helveola* (L.) Ell.
 * *Strophostyles umbellata* (Muhl. ex Willd.) Britton; 19,591.
Pueraria lobata (Willd.) Ohwi; 19,494. Kudzu.
Amphicarpa bracteata (L.) Fernald; 19,664. Hog Peanut.
 * *Galactia volubilis* (L.) Britton; 19,326.

LINACEAE (Flax Family)

- * *Linum virginianum* L. var. *virginianum*; 19,353.
Linum virginianum L. var. *floridanum* Planchon; 19,597.

OXALIDACEAE (Wood Sorrel Family)

- * *Oxalis rubra* St. Sil.; 18,927.
Oxalis violacea L.; 19,589.
Oxalis dillenii Jacquin; Childress 48.
 * *Oxalis stricta* L.; 19,391.
 * *Oxalis grandis* Small; 18,785. Plants of this taxon in our county have recently been cited as new to the state (Clark, Powell & Childress, 1973).

GERANIACEAE (Geranium Family)

- Geranium maculatum* L.; Childress 16. Wild Geranium.
Geranium carolinianum L.; 18,674.
Geranium molle L.; 18,939.

RUTACEAE (Rue Family)

- ** *Poncirus trifoliata* (L.) Raf. Trifoliate Orange.

SIMAROUBACEAE (Quassia Family)

- Ailanthus altissima* (Miller) Swingle; 19,602. Tree of Heaven.

MELIACEAE (Mahogany Family)

- Melia azedarach* L.; 18,778. Chinaberry.

POLYGALACEAE (Milkwort Family)

- * *Polygala curtissii* Gray; 20,121.
- * *Polygala verticillata* L. var. *ambigua* (Nuttall) Wood; 19,370.

EUPHORBIACEAE (Spurge Family)

- Cnidoscolus stimulosus* (Michx.) Engelm. & Gray; 19,695.
- * *Croton glandulosus* L. var. *septentrionalis* Muell-Arg.; 19,355.
- * *Croton capitatus* Michx.; Childress 207.
- * *Crotonopsis elliptica* Willd.; 19,412.
- Acalypha virginica* L.; 19,974.
- * *Acalypha gracilens* Gray; 19,536.
- Acalypha rhomboidea* Raf.; 19,427.
- * *Acalypha gracilens* Gray X *Acalypha rhomboidea* Raf.; 19,887.
- Tragia urens* L.; 20,111.
- * *Tragia urticifolia* Michx.; 19,408.
- * *Euphorbia heterophylla* L.; Childress 194. Painted Leaf.
- Euphorbia corollata* L. var. *corollata*; Childress 181.
- * *Euphorbia corollata* L. var. *ziniiflora* (Small) Ahles; 18,665.
- Euphorbia supina* Raf.; 19,250.
- Euphorbia maculata* L.; 19,393.

CALLITRICHACEAE (Water Starwort Family)

- * *Callitriche heterophylla* Pursh; 18,500.
- ** *Callitriche deflexa* A. Braun.

ANACARDIACEAE (Cashew Family)

- Rhus radicans* L.; 19,451. Poison Ivy.
- * *Rhus toxicodendron* L.; 18,616. Poison Oak.
- * *Rhus aromatica* Aiton; 18,483. Fragrant Sumac.
- Rhus copallina* L.; 18,635. Dwarf Sumac.
- Rhus glabra* L.; 18,669. Smooth Sumac.

AQUIFOLIACEAE (Holly Family)

- Ilex opaca* Aiton; 18,513. Holly.
- Ilex decidua* Walter; 18,578. Possum Haw.
- * *Ilex ambigua* (Michx.) Torrey var. *ambigua*; 18,857.
- * *Ilex ambigua* (Michx.) Torrey var. *montana* (T. & G.) Ahles; 20,070.
- Ilex verticillata* (L.) Gray; 19,095. Winterberry.

CELASTRACEAE (Staff Tree Family)

- * *Celastrus orbiculatus* Thunberg; 19,487. This collection has recently been cited as a state record (Clark, Powell & Childress, 1973).
- Euonymus americanus* L.; 18,845. Strawberry Bush.

STAPHYLEACEAE (Bladdernut Family)

- * *Staphylea trifolia* L.; 18,877. Bladdernut.

ACERACEAE (Maple Family)

* *Acer negundo* L.; 18,714. Box Elder.

Acer rubrum L. Var. *rubrum*; 18,723. Red Maple.

* *Acer rubrum* L. var. *drummondii* (H. & A.) Sargent; 19,296.

* *Acer saccharinum* L.; 18,978. Silver Maple.

Acer saccharum Marshall ssp. *leucoderme* (Small) Desmarais; 19,777.
Chalk Maple.

HIPPOCASTANACEAE (Buckeye Family)

Aesculus sylvatica Bartram; 18,572. Buckeye.

Aesculus octandra Marshall; 18,883. Buckeye.

BALSAMINACEAE (Touch Me Not Family)

Impatiens capensis Meerb.; 19,442. Jewel Weed.

* *Impatiens balsamina* L.; Childress 157. Touch Me Not.

RHAMNACEAE (Buckthorn Family)

* *Berberhia scandens* (Hill) K. Koch; 20,087. Ours is far inland from other South Carolina populations. Supplejack.

Ceanothus americanus L.; 19,098. New Jersey Tea.

Rhamnus caroliniana Walter; 18,673. Buckthorn.

VITACEAE (Grape Family)

Parthenocissus quinquefolia (L.) Planchon; 18,613. Virginia Creeper.

Vitis rotundifolia Michx.; 18,962. Muscadine.

* *Vitis labrusca* L.; 18,952. Fox Grape.

* *Vitis vulpina* L.; 19,119. Frost Grape.

Vitis baileyana Munson; 19,311. Possum Grape.

* *Vitis aestivalis* Michx.; 18,870. Summer Grape.

* *Vitis cinerea* Engelm. ex Millardet; 18,796. Pigeon Grape.

* *Ampelopsis arborea* (L.) Koehne; 18,970. Pepper Vine.

TILIACEAE (Linden Family)

* *Tilia americana* L. (incl. *T. heterophylla* Vent., *T. caroliniana* Miller, *T. floridana* Small); 19,784. Linden.

MALVACEAE (Mallow Family)

Sida spinosa L.; 19,537. Prickly Mallow.

Sida rhombifolia L.; 19,641.

* *Hibiscus syriacus* L.; Childress 200. Rose of Sharon.

Hibiscus moscheutos L.; 19,745. Rose Mallow.

STERCULIACEAE (Sterculia Family)

* *Firmiana platanifolia* (L.f.) Marsili; 19,977. Ours is far inland from other reported South Carolina localities. Japanese Varnish Tree.

HYPERICACEAE (St. John's Wort Family)

- Hypericum hypericoides* (L.) Crantz; 18,477. St. Andrew's Cross.
Hypericum stragalum P. Adams & Robson; 18,863.
* *Hypericum walteri* Gmelin; 19,622.
Hypericum gentianoides (L.) BSP.; 19,414. Pinweed.
* *Hypericum mutilum* L.; 19,906.
* *Hypericum denticulatum* HBK. var. *recognitum* Fernald & Schubert; 19,578.
* *Hypericum perforatum* L.; Childress 162.
Hypericum punctatum Lam.; 19,430.

CISTACEAE (Rockrose Family)

- ** *Helianthemum canadense* (L.) Michaux.
Lechea villosa Ell.; 19,688.
Lechea racemulosa Michx.; 19,301. Pinweed.

VIOLACEAE (Violet Family)

- Viola pedata* L.; Childress 40. Birdfoot Violet.
Viola cucullata Aiton; 18,516.
* *Viola papilionacea* Pursh var. *papilionacea*; 18,555.
* *Viola papilionacea* Pursh var. *priceana* (Pollard) Alexander; 18,553. Confederate Violet.
Viola affinis Le Conte; 18,529.
Viola palmata L. var. *palmata*; 18,670.
* *Viola palmata* L. var. *sororia* (Willd.) Pollard; 18,538b.
Viola palmata L. var. *triloba* (Schweinitz) Ging. ex DC.; 18,538a.
** *Viola villosa* Walter.
Viola hirsutula Brainerd; 18,509.
* *Viola emarginata* (Nuttall) Le Conte var. *emarginata*; Childress 126.
* *Viola emarginata* (Nuttall) Le Conte var. *acutiloba* Brainerd; 18,813. Ours is the fourth county in the state reported for plants of this taxon.
Viola primulifolia L.; 19,198.
* *Viola tripartita* Ell. var. *glaberrima* (DC.) Harper; 18,874.
Viola hastata Michx.; 18,514.
Viola rafinesquii Greene; 18,506.

PASSIFLORACEA (Passionflower Family)

- Passiflora incarnata* L.; 19,375. Maypop.
* *Passiflora lutea* L.; 18,984.

CACTACEAE (Cactus Family)

- * *Opuntia compressa* (Salisbury) Macbride; 19,687. Prickly Pear.

ELAEOAGNACEAE (Oleaster Family)

- Elaeagnus umbellata* Thunberg; 18,737. Silverberry.

LYTHRACEAE (Loose Strife Family)

- Rotala ramosior* (L.) Koehne; 19,632.
** *Ammannia coccinea* Rottboell

MELASTOMATACEAE (Melastoma Family)

Rhexia mariana L.; 19,363. Meadow Beauty.

ONAGRACEAE (Evening Primrose Family)

Ludwigia decurrens Walter; 19,630.

* *Ludwigia leptocarpa* (Nuttall) Hara; 19,730. Ours is far inland from other reported South Carolina localities.

Ludwigia alternifolia L.; 19,646.

* *Ludwigia spathulata* T. & G.; 19,806. Rare; evidently, ours is the second report from a county in the Carolinas.

* *Ludwigia palustris* (L.) Ell.; 19,316.

Oenothera biennis L.; 19,765. Evening Primrose.

Oenothera laciniata Hill; 18,916.

Oenothera speciosa Nuttall; 18,777.

Oenothera fruticosa L.; 18,654.

HALORAGACEAE (Water Milfoil Family)

* *Myriophyllum brasiliense* Camb.; 19,826. Parrot Feather.

ARALIACEAE (Ginseng Family)

* *Hedera helix* L.; 19,431. English Ivy.

* *Aralia spinosa* L.; 19,769. Devil's Walking Stick.

APIACEAE (Parsley Family)

** *Hydrocotyle umbellata* L. Marsh Pennywort.

* *Hydrocotyle sibthorpioides* Lam.; Childress 78. Ours is apparently the third county in the state and the fourth in the Carolinas to be reported for plants of this species.

Sanicula canadensis L.; Childress 151. Snakeroot.

* *Sanicula smallii* Bicknell; 19,103.

** *Eryngium prostratum* Nuttall.

** *Eryngium integrifolium* Walter.

Daucus carota L.; 19,254. Queen Anne's Lace.

Daucus pusillus Michx.; 19,573.

** *Scandix pecten-veneris* L.

Chaerophyllum tainturieri Hooker; 18,560.

* *Zizia aurea* (L.) W.D.J. Koch; 18,804.

Zizia trifoliata (Michx.) Fernald; Childress 144.

Thaspium barbinode (Michx.) Nuttall; 19,005. Meadow Parsnip.

Apium leptophyllum (Persoon) F. Mueller; 19,429.

Cryptotaenia canadensis (L.) DC.; 19,312.

Ligusticum canadense (L.) Britton; 19,120.

Cicuta maculata L.; 19,736.

** *Ptilimnium capillaceum* (Michx.) Raf.

Angelica venenosa (Greenway) Fernald; Childress 161.

NYSSACEAE (Gum Family)

Nyssa sylvatica Marshall var. *sylvatica*; 18,951. Black Gum.

- * *Nyssa sylvatica* Marshall var. *biflora* (Walter) Sargent; 19,087. Ours is far inland from other reported South Carolina localities. Black Gum.

CORNACEAE (Dogwood Family)

- Cornus florida* L.; 18,583. Dogwood.
- * *Cornus alternifolia* L. f.; 18,596. Alternate-Leaved Dogwood.
- Cornus amomum* Miller; 19,118.
- Cornus stricta* Lam.; 19,582. Swamp Dogwood.

ERICACEAE (Heath Family)

- Chimaphila maculata* (L.) Pursh; 18,536. Pipsissewa.
- * *Monotropa uniflora* L.; 19,949. Indian Pipes.
- * *Monotropa hypopithys* L.; 18,811.
- * *Rhododendron maximum* L.; 18,478. Rhododendron.
- * *Rhododendron minus* Michx.; 18,474.
- Rhododendron nudiflorum* (L.) Torrey; 19,107. Wild Azalea.
- * *Rhododendron viscosum* (L.) Torrey; 19,096.
- * *Rhododendron nudiflorum* (L.) Torrey X *Rhododendron canescens* (Michx.) Sweet; 20,029b.
- Kalmia latifolia* L.; 18,797. Mountain Laurel.
- Lyonia ligustrina* (L.) DC.; 19,099. Maleberry.
- Leucothoe axillaris* (Lam.) D. Don var. *editorum* (Fernald & Schubert) Ahles; 19,962. Dog Hobble.
- Oxydendrum arboreum* (L.) DC.; 18,716. Sourwood.
- Epigaea repens* L.; 18,898. Trailing Arbutus.
- * *Gaultheria procumbens* L.; 18,808. Plants of this species have been reported only recently for the first time in South Carolina (Rodgers, 1973). Wintergreen.
- * *Gaylussacia frondosa* (L.) T. & G.; 18,540. Our population is far inland from most other reported South Carolina populations of this species. Dangleberry.
- * *Gaylussacia baccata* (Wang.) K. Koch; 18,798.
- * *Gaylussacia ursina* (M. A. Curtis) T. & G. ex Gray; 19,559.
- Vaccinium arboreum* Marshall; 18,609. Sparkleberry.
- Vaccinium stamineum* L.; 18,638. Deerberry.
- * *Vaccinium elliotii* Chapman; 18,647.
- Vaccinium pallidum* Aiton (incl. *V. vacillans* Torrey); 18,584. Huckleberry.
- Vaccinium atrococcum* (Gray) Porter; 19,090. Blueberry.

DIAPENSIACEAE (Pyxie Family)

- * *Galax aphylla* L.; Childress 38. Galax.

PRIMULACEAE (Primrose Family)

- Lysimachia lanceolata* Walter; 19,309.
- * *Lysimachia nummularia* L.; 18,486. Creeping Charlie.
- * *Lysimachia quadrifolia* L.; Childress 26. Whorled Loosestrife.

SAPOTACEAE (Sapodilla Family)

- * *Bumelia lycioides* (L.) Persoon; 18,729. Buckthorn.

EBENACEAE (Ebony Family)

- Diospyros virginiana* L.; 18,949. Persimmon.

SYMPLOCACEAE (Sweetleaf Family)

- * *Symplocos tinctoria* (L.) L'Her.; 18,800. Horse Sugar.

STYRACACEAE (Storax Family)

- Halesia carolina* L.; 18,522. Silverbell.
- * *Styrax grandifolia* Aiton; 20,056. Storax.
- Styrax americana* Lam.; 19,319.

OLEACEAE (Olive Family)

- * *Fraxinus americana* L. var. *americana*; 18,606. American Ash.
- * *Fraxinus americana* L. var. *biltmoreana* (Beadle) J. Wright ex Fernald; 18,618. Biltmore Ash.
- * *Fraxinus pennsylvanica* Marshall var. *pennsylvanica*; Childress 52.
- * *Fraxinus pennsylvanica* Marshall var. *subintegerrima* (Vahl) Fernald; 20,045.
- Chionanthus virginicus* L.; 18,605. Fringe Tree.
- Ligustrum sinense* Lour.; 18,901. Privet.

LOGANIACEAE (Logania Family)

- Gelsemium sempervirens* (L.) Aiton f.; 18,510. Yellow Jessamine.
- Polypremum procumbens* L.; 19,340.

GENTIANACEAE (Gentian Family)

- * *Sabatia angularis* (L.) Pursh; 19,752.
- * *Obolaria virginica* L.; 18,571. Pennywort.

APOCYNACEAE (Dogbane Family)

- * *Amsonia tabernaemontana* Walter var. *tabernaemontana*; 19,855. Blue Star.
- Amsonia tabernaemontana* Walter var. *salicifolia* (Pursh) Woodson; Childress 2.
- * *Trachelospermum difforme* (Walter) Gray; 19,579.
- Apocynum cannabinum* L.; 19,241. Indian Hemp.
- * *Vinca minor* L.; 18,475. This collection was recently cited as a state record (Clark, Powell & Childress, 1973). Periwinkle.
- * *Vinca major* L.; 19,116.

ASCLEPIADACEAE (Milkweed Family)

- Asclepias incarnata* L. ssp. *pulchra* (Willd.) Woodson; 19,922. Swamp Milkweed.

- * *Asclepias verticillata* L.; 19,594.
- Asclepias tuberosa* L.; 19,259. Butterfly Weed.
- * *Asclepias amplexicaulis* Smith; 19,409.
- Asclepias variegata* L.; 19,211.
- * *Matelea suberosa* (L.) Shinnery; 19,739.
- * *Matelea decipiens* (Alexander) Woodson; Childress 149.
- * *Matelea carolinensis* (Jacquin) Woodson; 19,128.

CONVOLVULACEAE (Morning Glory Family)

- * *Cuscuta compacta* Jussieu; 19,611.
- * *Cuscuta pentagona* Engelm.; 19,321.
- Cuscuta campestris* Yuncker; 19,542. Dodder.
- Cuscuta gronovii* Willd. ex R. & S.; 19,834.
- * *Cuscuta compacta* Jussieu X *Cuscuta gronovii* Willd. ex R. & S.; Childress 111.
- * *Dichondra carolinensis* Michx.; 19,402. Apparently ours is the most inland known locality in the Carolinas.
- * *Bonamia humistrata* (Walter) Gray; 19,678.
- * *Jacquemontia tamnifolia* (L.) Grisebach; 19,534. Apparently ours is the most inland known locality in the Carolinas.
- ** *Calystegia sepium* (L.) R. Brown.
- * *Ipomoea coccinea* L.; 19,478. Red Morning Glory.
- Ipomoea purpurea* (L.) Roth; 19,382. Morning Glory.
- * *Ipomoea hederacea* (L.) Jacquin var. *hederacea*; 20,196.
- * *Ipomoea hederacea* (L.) Jacquin var. *integriuscula* Gray; 19,373.
- * *Ipomoea lacunosa* L.; 19,247.
- Ipomoea pandurata* (L.) G. F. W. Meyer; 19,346. Man Root.

POLEMONIACEAE (Phlox Family)

- * *Phlox nivalis* Lodd. var. *hantzii* (Nuttall) Wherry; 18,641.
- ** *Phlox nivalis* Lodd. var. *nivalis*.
- * *Phlox divaricata* L.; 20,018. This collection was recently noted as a state record (Clark, Powell & Childress, 1973). Blue Phlox.
- * *Phlox amoena* Sims; 19,102.
- * *Phlox paniculata* L.; 19,972. This species was recently reported as new to South Carolina (Rodgers, 1973). Ours is the second county reported as containing populations of it. Summer Phlox.
- * *Phlox maculata* L. ssp. *maculata*; 19,320. This collection was cited recently as a Carolinas record (Clark, Powell & Childress, 1973).
- * *Phlox maculata* L. ssp. *pyramidalis* (Smith) Wherry; Childress 72. Apparently, ours is the second county in South Carolina reported as containing members of this taxon.

HYDROPHYLLACEAE (Waterleaf Family)

- * *Phacelia maculata* Wood; 18,719.

BORAGINACEAE (Borage Family)

Cynoglossum virginianum L.; 18,893. Comfrey.

* *Myosotis verna* Nuttall; 18,632. Forget Me Not.

VERBENACEAE (Vervain Family)

* *Verbena brasiliensis* Vellozo; 19,013.

* *Verbena urticifolia* L.; 19,689.

Verbena canadensis (L.) Britton; 18,589.

* *Callicarpa americana* L.; 19,574. French Mulberry.

PHRYMACEAE (Lopseed Family)

* *Phryma leptostachya* L.; 19,434. Lopseed.

LAMIACEAE (Mint Family)

Trichostema dichotomum L.; Childress 110. Blue Curls.

* *Ajuga reptans* L.; Childress 41. This collection was cited recently as a state record (Clark, Powell & Childress, 1973). Bugleweed.

* *Scutellaria lateriflora* L.; 19,612.

Scutellaria integrifolia L.; 19,268.

Scutellaria elliptica Muhl.; 19,130.

* *Glechoma hederacea* L.; 18,559.

Prunella vulgaris L.; 19,184.

Lamium amplexicaule L.; 19,992. Henbit.

* *Lamium purpureum* L.; 19,991.

Salvia lyrata L.; 18,660.

* *Salvia urticifolia* L.; 18,658.

* *Monarda punctata* L.; 19,679.

* *Hedeoma pulegioides* (L.) Persoon; 19,793. Pennyroyal.

** *Melissa officinalis* L. Balm.

* *Pycnanthemum montanum* Michx.; 19,324.

Pycnanthemum incanum (L.) Michx.; 19,476.

Cunila organoides (L.) Britton; 19,931.

* *Lycopus virginicus* L.; 19,610.

* *Collinsonia canadensis* L.; 19,964. Stoneroot.

* *Collinsonia verticillata* Baldwin ex Ell.; 18,885. Ours is apparently the third county in South Carolina reported as containing this species (Rodgers, 1974).

* *Perilla frutescens* (L.) Britton var. *crispa* (Bentham) Deane; 19,698.

SOLANACEAE (Nightshade Family)

* *Physalis virginiana* Miller; 19,010. Ground Cherry.

* *Physalis angulata* L.; 19,621.

Solanum carolinense L.; 19,228.

* *Solanum americanum* Miller; 19,758.

* *Solanum capsicastrum* Link; Childress 196. Ours is the first reported locality in the Carolinas (Clark, Powell & Childress, 1973).

Datura stramonium L.; Childress 169. Jimson Weed.

SCROPHULARIACEAE (Figwort Family)

Paulownia tomentosa (Thunberg) Steudel; Childress 25. Princess Tree.

* *Mecardonia acuminata* (Walter) Small; 19,428. Ours apparently are the most inland localities reported in South Carolina.

* *Gratiola pilosa* Michx.; 19,347.

Gratiola viscidula Pennell; 19,271.

** *Gratiola neglecta* Torrey.

* *Gratiola virginiana* L.; 19,173. Ours are the most inland localities reported in South Carolina.

* *Lindernia dubia* (L.) Pennell; 19,624.

* *Lindernia monticola* Muhl. ex Nuttall; 18,730.

Mimulus ringens L.; 19,588.

* *Verbascum thapsus* L.; 19,555. Mullein.

* *Chelone lyonii* Pursh; 19,951. Ours is the second county in South Carolina reported as a habitat for this species. Turtlehead.

* *Penstemon canescens* Britton; 18,728.

* *Penstemon australis* Small; 18,653.

Penstemon laevigatus Solander ex Aiton; 19,244.

Linaria canadensis (L.) Dumont; 18,731. Toad Flax.

Veronica serpyllifolia L.; Childress 76.

Veronica peregrina L.; 18,558.

Veronica arvensis L.; 18,758.

* *Veronica hederifolia* L.; 19,997.

Veronica persica Poir.; 19,995.

** *Aureolaria pedicularia* (L.) Raf.

Aureolaria pectinata (Nuttall) Pennell; 19,979.

* *Aureolaria virginica* (L.) Pennell; 19,787.

* *Aureolaria laevigata* (Raf.) Raf.; 19,843.

* *Agalinis fasciculata* (Ell.) Raf.; 19,808. Ours is the most inland locality reported in South Carolina.

Agalinis setacea (J. F. Gmelin) Raf.; Childress 182.

Agalinis tenuifolia (Vahl) Raf.; 19,956.

Pedicularis canadensis L.; 18,549.

BIGNONIACEAE (Bignonia Family)

Anisostichus capreolata (L.) Bureau; 18, 721. Cross Vine.

Campsis radicans (L.) Seemann; 18,636. Trumpet Creeper.

* *Catalpa bignonioides* Walter; Childress 97. Catalpa.

OROBANCHACEAE (Broomrape Family)

* *Epifagus virginiana* (L.) Barton; 18,848. Beechdrops.

* *Orobanche uniflora* L.; Childress 32. Ours is the fifth county in South Carolina reported as a habitat for this species.

LENTIBULARIACEAE (Bladderwort Family)

- * *Utricularia cornuta* Michx.; 20,100. Ours is evidently the third county in the state reported for this species.
- * *Utricularia gibba* L.; 20,088. Ours is the most inland locality in the state. Bladderwort.

ACANTHACEAE (Acanthus Family)

Ruellia caroliniensis (Walter) Steudel; 19,356.

PLANTAGINACEAE (Plantain Family)

Plantago lanceolata L.; 18,700. English Plantain.

Plantago aristata Michx.; 19,226.

- * *Plantago purshii* R. & S.; 18,936a. Ours is the second county in the Carolinas for this plant.

Plantago virginica L.; 18,753.

RUBIACEAE (Madder Family)

Cephalanthus occidentalis L.; 19,001. Button Bush.

Diodia virginiana L.; 19,404.

Diodia teres; Walter; 19,521.

Mitchella repens L.; Childress 7. Partridge Berry.

Houstonia caerulea L.; 18,496. Bluet.

Houstonia pusilla Schoepf; 18,532.

- * *Houstonia longifolia* Gaertner; 19,064.

- * *Galium circaezans* Michx.; 19,139.

- * *Galium pilosum* Aiton; 19,396.

Galium aparine L.; 18,695. Bedstraw.

- * *Galium triflorum* Michx.; 19,504.

- * *Galium latifolium* Michx.; 19,937.

- * *Galium obtusum* Bigelow; 20,096. Ours is well inland from most other South Carolina localities.

Galium tinctorium L.; 19,261.

CAPRIFOLIACEAE (Honeysuckle Family)

Lonicera japonica Thunberg; 18,940. Honeysuckle.

Lonicera sempervirens L.; 18,582. Coral Honeysuckle.

Lonicera flava Sims; 19,093. Yellow Honeysuckle.

Viburnum nudum L.; 18,818.

- * *Viburnum prunifolium* L.; 18,577.

Viburnum rufidulum Raf.; 18,704. Blue Haw.

Viburnum dentatum L. var. *lucidum* Aiton; 19,394.

Sambucus canadensis L.; 18,980. Elderberry.

VALERIANACEAE (Valerian Family)

Valerianella locusta (L.) Betcke; 20,007.

Valerianella radiata (L.) Dufr.; 18,685.

- * *Valerianella umbilicata* (Sullivant) Wood; 18,981. This collection was recently reported as a state record (Clark, Powell & Childress, 1973).

CUCURBITACEAE (Gourd Family)

- ** *Cucurbita pepo* L. Pumpkin.
- ** *Cucumis melo* L. Cantaloupe.
- * *Citrullus vulgaris* Schrader ex Ecklon & Zeyher; 19,535. Watermelon.

CAMPANULACEAE (Bluebell Family)

- Specularia perfoliata* (L.) A. DC.; 18,934. Venus' Looking Glass.
- * *Specularia biflora* (R. & P.) F. & M.; Childress 46.
- * *Campanula divaricata* Michx.; 19,560. Bluebell.
- Lobelia cardinalis* L.; 19,700. Cardinal Flower.
- Lobelia puberula* Michx.; 19,900.
- * *Lobelia inflata* L.; 19,959.
- Lobelia nuttallii* R. & S.; 20,098.

ASTERACEAE (Composite Family)

- Ambrosia trifida* L.; 19,444. Giant Ragweed.
- Ambrosia artemisiifolia* L.; 19,501. Ragweed.
- * *Xanthium strumarium* L. var. *strumarium*; 19,628.
- ** *Xanthium strumarium* L. var. *glabratum* (DC.) Cronquist. Cocklebur.
- * *Prenanthes trifoliata* (Cassini) Fernald; 19,987. Ours is the third county in South Carolina reported for this species.
- ** *Prenanthes altissima* L.
- ** *Prenanthes serpentaria* Pursh.
- * *Lactuca scariola* L.; 19,378.
- * *Lactuca canadensis* L.; 19,510. Wild Lettuce.
- ** *Sonchus asper* (L.) Hill. Spiny-Leaved Sow Thistle.
- * *Sonchus oleraceus* L.; 19,011. Sow Thistle.
- Hieracium venosum* L.; 18,806. Rattlesnake Weed.
- ** *Hieracium X marianum* Willd.
- Hieracium gronovii* L.; 19,781.
- Crepis pulchra* L.; 18,794.
- * *Hypochoeris radicata* L.; 20,043.
- Krigia virginica* (L.) Willd.; Childress 129. Dwarf Dandelion.
- ** *Krigia oppositifolia* Raf.
- Pyrrophappus carolinianus* (Walter) DC.; 19191.
- * *Taraxacum erythrospermum* Andr. ex Besser; 19,998. Red-Seeded Dandelion.
- Taraxacum officinale* Wiggers; 18,686. Dandelion.
- Cacalia atriplicifolia* L.; 19707.
- Senecio vulgaris* L.; 19,495. Groundsel.
- Senecio anonymus* Wood; 18,726. (See Kowal & Barkley, 1973).
- Senecio aureus* L.; Childress 137.
- Erechtites hieracifolia* (L.) Raf.; 19,913.

- Centaurea cyanus* L.; 18,776. Bachelor Button.
Carduus spinosissimus Walter; 18,626. Yellow Thistle.
- ** *Carduus altissimus* L. Thistle.
- * *Carduus virginianus* L.; 19,800. Ours is far inland from other reported South Carolina localities. Thistle.
- * *Carduus carolinianus* Walter; 19,553. our report is the second from South Carolina.
- * *Carduus nutans* L.; 18,989. Ours is the second county in the state from which this species has been reported. Thistle.
- * *Vernonia acaulis* (Walter) Gleason; 19,599.
- * *Vernonia* X *georgiana* Bartlett; 19,766.
- * *Vernonia glauca* (L.) Willd.; 19,662.
Vernonia noveboracensis (L.) Michx.; 19,557. Ironweed.
- Elephantopus carolinianus* Willd.; 19,421.
- Elephantopus tomentosus* L.; 19,419. Elephant's Foot.
- Liatris graminifolia* Willd.; 19,657. Blazing Star.
- * *Liatris earlei* (Greene) K. Schumann; 19,571.
- ** *Kuhnia eupatorioides* L. False Boneset.
- ** *Eupatorium dubium* Willd.
Eupatorium fistulosum Barratt; 19,461a.
- * *Eupatorium purpureum* L.; 19,446. Joe Pye Weed.
- Eupatorium capillifolium* (Lam.) Small; 19,872. Dog Fennel.
- ** *Eupatorium compositifolium* Walter. Dog Fennel.
Eupatorium album L.; 19,801.
- * *Eupatorium semiserratum* DC.; 19,876. Ours is far inland from other reported South Carolina localities.
Eupatorium hyssopifolium L.; 19,532.
Eupatorium perfoliatum L.; 19,908.
Eupatorium serotinum Michx.; 19,847.
- * *Eupatorium rugosum* Houttuyn; 19,941.
Eupatorium aromaticum L.; 19,812.
Mikania scandens (L.) Willd.; 19,737.
- ** *Pluchea camphorata* (L.) DC.
- * *Facelis retusa* (Lam.) Sch.-bip.; 18,774.
- * *Antennaria solitaria* Rydberg; 18,595.
Antennaria plantaginifolia (L.) Richardson var. *plantaginifolia*; 18,588. Pussy Toes.
Antennaria plantaginifolia (L.) Richardson var. *ambigens* (Greene) Cronquist; Childress 141.
Gnaphalium obtusifolium L.; 19,655. Rabbit Tobacco.
Gnaphalium purpureum L. var. *purpureum*; 19,519.
- * *Gnaphalium purpureum* L. var. *falcatum* (Lam.) T. & G.; 18,943.
Baccharis halimifolia L.; 18,974. Groundsel Tree.
Erigeron pulchellus Michx.; 18,575. Robin's Plantain.
Erigeron annuus (L.) Persoon; Childress 59. Daisy Fleabane.
Erigeron strigosus Muhl. ex Willd.; 18,935. Daisy Fleabane.
- * *Erigeron canadensis* L. var. *canadensis*; 19,458.

- ** *Erigeron canadensis* L. var. *pusillus* (Nuttall) Ahles.
Aster paternus Cronquist; 19,366. (All members of this genus are called Asters.)
Aster solidagineus Michx.; 19,389.
- * *Aster divaricatus* L.; 19,490.
- * *Aster cordifolius* L.; 19,947.
- * *Aster undulatus* L.; 19,811.
Aster patens Aiton; 19,890.
Aster puniceus L.; 19,901.
Aster concolor L.; 19,889.
Aster pilosus Willd.; 19,865.
- ** *Aster lateriflorus* (L.) Britton.
- * *Aster vimineus* Lam.; 19,885.
Aster dumosus L.; 19,891.
- * *Aster infirmus* Michx.; 19,563.
Haplopappus divaricatus (Nuttall) Gray; 19,685.
Solidago caesia L.; 19,452. (All members of this genus are called Goldenrods.)
- * *Solidago flexicaulis* L.; 19,943. This collection was recently cited as a state record (Clark, Powell & Childress, 1973).
- * *Solidago bicolor* L.; 19,933. Ours is apparently the second report of this plant from South Carolina.
- * *Solidago puberula* Nuttall; 19,926. Our county is the second reported in South Carolina for this species. White Goldenrod.
Solidago erecta Pursh; 19,957.
- ** *Solidago arguta* Aiton.
- ** *Solidago patula* Muhl. ex Willd.
Solidago nemoralis Aiton; 19,875.
- ** *Solidago odora* Aiton.
- * *Solidago rugosa* Miller var. *celtidifolia* (Small) Fernald; 19,898. Ours is much farther inland than other reported South Carolina localities.
Solidago altissima L.; 19,863.
- * *Solidago gigantea* Aiton; 19,918.
- * *Solidago graminifolia* (L.) Salisbury X *Solidago microcephala* (Greene) Bush; 19,877.
Heterotheca graminifolia (Michx.) Shinnery; 19,565.
Heterotheca mariana (L.) Shinnery; 19,767.
Heterotheca subaxillaris (Lam.) Britton & Rusby; 19,545.
Polymnia uvedalia L.; 19,688. Bearsfoot.
- ** *Silphium compositum* Michx.
- * *Silphium compositum* Michx. var. *reniforme* (Raf.) T. & G. X
Silphium trifoliatum L.; 19,463.
Silphium dentatum Ell.; 19,400.
- * *Silphium dentatum* Ell. X *Silphium asteriscus* L.; 19,584.
- * *Silphium trifoliatum* L.; 19,462. Ours apparently is the second county in South Carolina cited as habitat for this species.
- * *Chrysogonum virginianum* L. var. *virginianum*; 20,037.

- Chrysogonum virginianum* L. var. *australe* (Alexander) Ahles; 18,524. Green and Gold.
- Parthenium integrifolium* L.; 18,961.
- Eclipta alba* (L.) Hasskarl; 19,648.
- * *Rudbeckia fulgida* Aiton; 19,768.
- Rudbeckia hirta* L.; 19,667. Black-Eyed Susan.
- * *Viguiera porteri* (A. Gray) Blake; Childress 201. This collection was recently cited as a Carolinas record. It is apparently a native population (Clark, Powell & Childress, 1973). Confederate Daisy.
- Helianthus atrorubens* L.; 19,796.
- ** *Helianthus laetiflorus* Persoon.
- Helianthus divaricatus* L.; 19,383.
- * *Helianthus hirsutus* Raf.; 19,399.
- * *Helianthus decapetalus* L.; 19,638.
- Helianthus microcephalus* T. & G.; 19,720.
- * *Helianthus tuberosus* L.; 19,556. Jerusalem Artichoke.
- * *Helianthus giganteus* L.; 19,455. Ours apparently is the third reported county in the state for this species.
- * *Helianthus annuus* L.; Childress 167. Sunflower.
- Verbesina occidentalis* (L.) Walter; 19,719.
- Verbesina virginica* L.; 19,819.
- Coreopsis lanceolata* L.; 20,042.
- Coreopsis major* Walter var. *stellata* (Nuttall) Robinson; 19,358.
- ** *Coreopsis verticillata* L.
- ** *Bidens tripartita* L.
- Bidens frondosa* L.; 19,909. Spanish Needles.
- * *Bidens aristosa* (Michx.) Britton; 19,896.
- * *Bidens polylepis* Blake; 19,727. Ours is the fourth county in the state to be reported as a habitat for this species.
- * *Bidens bipinnata* L.; 19,471.
- Cosmos bipinnatus* Cav.; 19,857. Cosmos.
- * *Marshallia obovata* (Walter) Beadle & Boynton; 19,183.
- * *Galinsoga ciliata* (Raf.) Blake; 19,403.
- Helenium autumnale* L.; 19,930.
- Helenium amarum* (Raf.) H. Rock; 19,379. Bitterweed.
- Achillea millefolium* L.; 18,923. Yarrow.
- ** *Anthemis cotula* L. Dog Fennel.
- Chrysanthemum leucanthemum* L.; 18,948. Daisy.
- * *Artemisia vulgaris* L.; 18,979.
- * *Artemisia ludoviciana* Nuttall; 19,372. Ours apparently is the second county in South Carolina reported as a habitat for this species. White Sage.

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